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STIF

Quarterly Progress Report
HCMM Contract
with the
U. S. Water Conservation Laboratory

7.9-10104
CR-158078

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1. Order No.: [REDACTED]
2. Principal Investigator: Ray D. Jackson
U. S. Water Conservation Laboratory
4331 E. Broadway
Phoenix, Arizona 85040
3. Period of Report: 1 NOV 78 to 31 JAN 79
4. Description:

- a. Analysis is proceeding with the ground and aircraft data. Aircraft data are analyzed at the pixel level in order to coincide as closely as possible with the ground data. The aircraft data are also degraded to yield values for the pixel size of the HCMM. This type of analysis will be carried out for all available data. The delayed launch of the HCMM prevented obtaining spacecraft data over the entire growing season. The first few passes of the HCMM should yield some overlapping data. It is planned to conduct several aircraft flights at times of the HCMM overpass this growing season (spring 1979) to test HCMM data for crop condition assessment.
- b. Problems.--No spacecraft data available.
- c. Accomplishments.--None as yet.
- d. Significant Results.--None as yet.
- e. Publications.--None as yet.
- f. Recommendations.--None.
- h. Data utility.--No spacecraft data available.

Submitted by:

H/C M - 005

Ray D. Jackson
Principal Investigator.

FEB 05 1979

SIS/902.6

N79-18376
Unclas
G3/43 00104
(E79-10104) HCMM HEAT CAPACITY MAPPING
MISSION Quarterly Progress Report, 1 Nov.
1978 - 31 Jan. 1979 (Agricultural Research
Service) 1 P HC A02/MF A01 CSCI 05B